configurations which are different than those which are disclosed. Therefore, although the invention has been described based upon these preferred embodiments, it would be apparent to those of skill in the art that certain modifications, variations, and alternative constructions would be apparent, while remaining within the spirit and scope of the invention.

1. A method, comprising:

receiving channel-state information of at least one channel in a frequency band from at least a subset of a plurality of transmission nodes;

coordinating reserving of the at least one channel for a set of transmission nodes within the plurality of transmission nodes, wherein the coordinating is based on the received channel-state information to allow simultaneous transmission which, at some point in time, occur at the same time, on the same channel by the set of transmission nodes;

communicating reservation information for the at least one channel to the set of transmission nodes.

2. The method according to claim **1**, further comprising determining the set of transmission nodes for temporarily reserving the at least one channel for simultaneous transmission, wherein the set is determined based on the received channel-state information.

3. The method according to claim **1**, wherein the method is performed by a controller.

4. The method according to claim **1**, wherein the frequency band is an unlicensed band.

5. The method according to claim **1**, wherein the reservation information comprises at least one of a start time and a length of time for reserving of the channel.

6. An apparatus, comprising:

receiving means for receiving channel-state information of at least one channel in a frequency band from at least a subset of a plurality of transmission nodes;

coordinating means for coordinating reserving of the at least one channel for a set of transmission nodes within the plurality of transmission nodes, wherein the coordinating is based on the received channel-state information to allow simultaneous transmission which, at some point in time, occur at the same time, on the same channel by the set of transmission nodes; and

communicating means for communicating reservation information for the at least one channel to the set of transmission nodes.

7. The apparatus according to claim **6**, further comprising determining means for determining the set of transmission nodes for temporarily reserving the at least one channel for simultaneous transmission, wherein the set is determined based on the received channel-state information.

8. The apparatus according to claim **6**, wherein the apparatus is a controller.

9. The apparatus according to claim **6**, wherein the frequency band is an unlicensed band.

10. The apparatus according to claim **6**, wherein the reservation information comprises at least one of a start time and a length of time for reserving of the channel.

11.-**52**. (canceled)

53. The method according to claim **2**, wherein the method is performed by a controller.

54. The apparatus according to claim **7**, wherein the apparatus is a controller.

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